# Roman to decimal number

PROGARM :
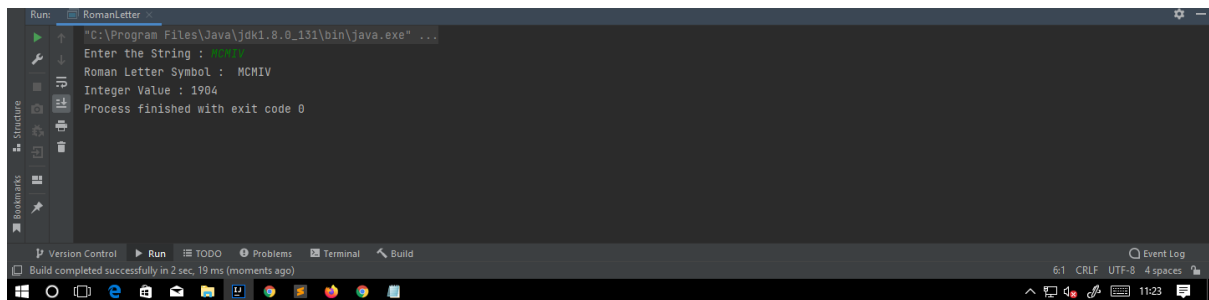
```java
import java.util.Scanner;
import java.lang.String;
public class RomanLetter {
    public static void main(String[] args) {
        Scanner sc =new Scanner(System.in);
        System.out.print("Enter the String : ");
        String str = sc.next();
        int len = str.length();

        str = str + " ";
        int result = 0;
        for (int i = 0; i < len; i++) {
            char ch    = str.charAt(i);
            char next_char = str.charAt(i+1);

            if (ch == 'M') {
                result += 1000;
            } else if (ch == 'C') {
                if (next_char == 'M') {
                    result += 900;
                    i++;
                } else if (next_char == 'D') {
                    result += 400;
                    i++;
                } else {
                    result += 100;
                }
            } else if (ch == 'D') {
                result += 500;
            } else if (ch == 'X') {
                if (next_char == 'C') {
                    result += 90;
                    i++;
                } else if (next_char == 'L') {
                    result += 40;
                    i++;
                } else {
                    result += 10;
                }
            } else if (ch == 'L') {
                result += 50;
            } else if (ch == 'I') {
                if (next_char == 'X') {
                    result += 9;
                    i++;
                } else if (next_char == 'V') {
                    result += 4;
                    i++;
                } else {
                    result++;
                }
            } else {
                result += 5;
            }
        }
```

```java
        System.out.print("Roman Letter Symbol :  "+str);
        System.out.println();
        System.out.print("Integer Value : "+result);
    }
}
```

OUTPUT :